

STATE OF IDAHO
Department of Fish and Game

Joseph C. Greenley, Director

Quarterly Project Progress Report
MACKAY HATCHERY SPRING CHINOOK

Project No. 88E22030

Contract No. 79-ABC-00035

Period Covered: April 1, 1979 to June 30, 1979

Columbia River Fisheries Development Program

June, 1979

Mackay Hatchery Spring Chinook

Rearing

Starting the quarter with 218,211 1978 brook year fish, we planted 193,455 in the Salmon River in April and May. We started with an estimated 704,142 1977 brood year fish, but planted 818,842. On the former group the loss was natural mortality. On the latter group the apparent gain was due to overestimation of losses in previous months. We have no spring chinook on hand at the end of this quarter, due to phasing out of the project.

Observations

According to the evidence my opinion is that Mackay Hatchery is not an ideal location to rear spring chinook. All precautions were taken, the best possible care was provided. The finest feed was fed. In my opinion the losses were still much greater than they should have been.

In planting these fish water temperatures were well monitored. No losses due to hauling and planting were observed.

Much cleaning, disinfecting, and re-fitting are now being done preparatory to resumption of rearing other species.

Prepared by:

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Fish Hatchery Superintendent I
Mackay Hatchery